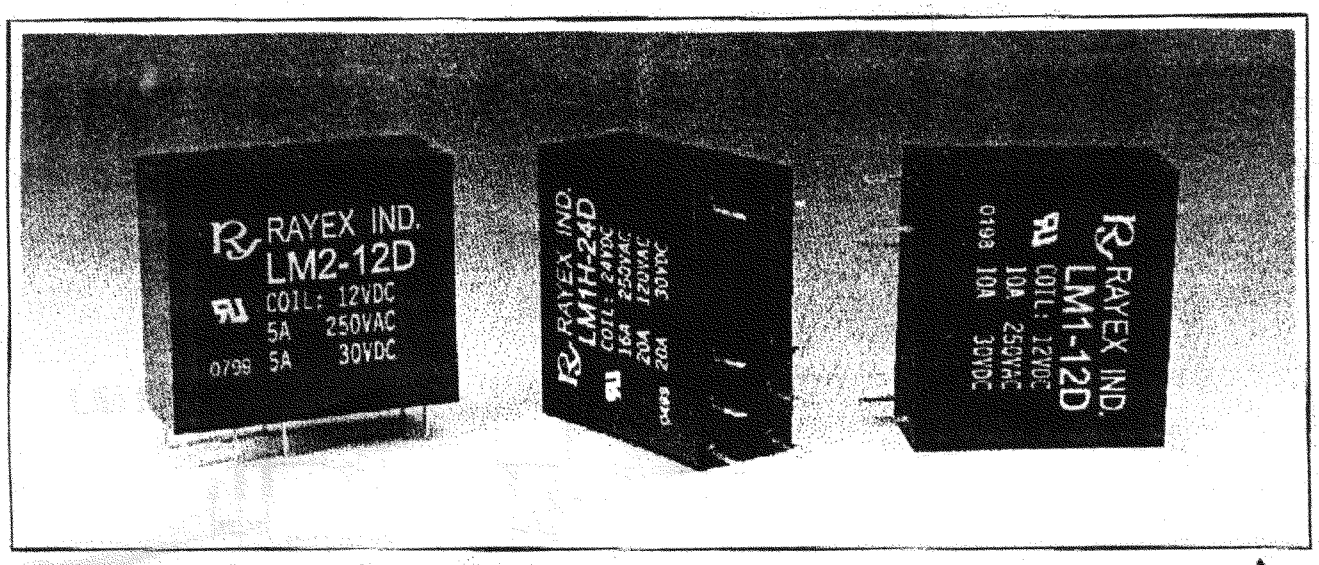
LM RELAY



ORDERING INFORMATION

LM	2	—	12	D	
Type			Nominal Voltage		

- 2: 1 : 10A [1PDT]; 2 : 5A [2PDT]; 1H : 16A [1PDT]
- D: D : DC; A : AC
- (blank): Nil : Form C; A : Form A; B : Form B

COIL DATA

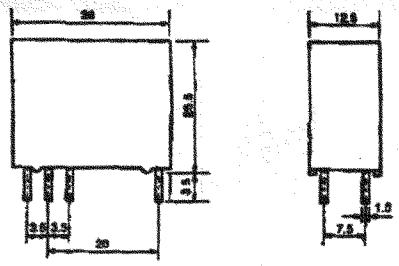
DC 0.53 W				AC 1.2 VA			
Nominal Voltage (VDC)	Resistance Tol. ± 10% (Ohms DC)	Maximum Pick Up Voltage (V)	Maximum Drop Out Voltage (V)	Nominal Voltage (50/60 Hz)	Resistance Tol. ± 10% (Ohms DC)	Maximum Pick Up Voltage (V)	Maximum Drop Out Voltage (V)
3	17	2.25	0.3	6	16.5	5.1	1.8
5	47	3.75	0.5	12	63	10.2	3.6
6	68	4.5	0.6	24	250	20.4	7.2
9	155	6.75	0.9	110/120	5,600	93.5/102	33/36
12	270	9.0	1.2	220/240	18,800	187/204	66/72
24	1,100	18.0	2.4				
48	4,480	36.0	4.8				

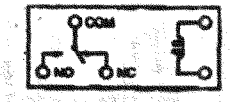
LM DIMENSIONS (mm)

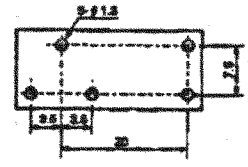
WIRING DIAGRAM

P.C.B. LAYOUT

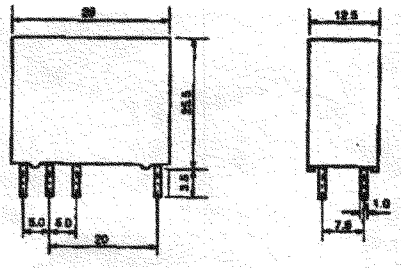
LM1

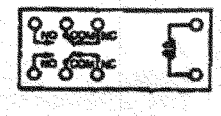


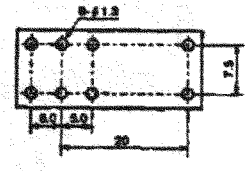




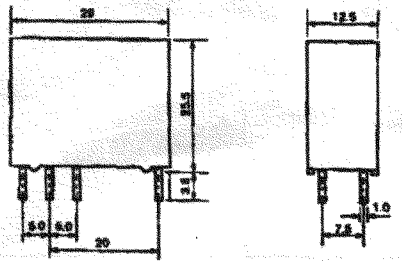
LM2

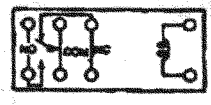


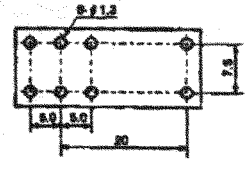




LM1H







CONTACT RATING

LM1 Type	Resistive (Cos.θ = 1)	AC 250V/DC 30V	10A
LM2 Type	Resistive (Cos.θ = 1)	AC 250V/DC 30V	5A
LM1H Type	Resistive (Cos.θ = 1)	AC 120V	20A
		AC 250V / DC 30V	16A

GENERAL DATE

Insulation Resistance	1,000 Megohms min. at 500 VDC.
Breakdown Voltage	1,000 VRMS,50/60 Hz between contact, 5,000 VRMS,50/60 Hz between all elements.
Contact Material	Silver - Cadmium Oxide as standard.
Contact Resistance	100 milliohms max. (initial)
Coil Data	See chart. (at 25℃)
Max. Allowable Voltage	110 % nominal
Min. Drop - Out Voltage	10 % of nominal
Operation Time	15 msec max.
Release Time	10 msec max.
Temperature Range	-40℃ ~ + 80℃
Expected Life	With operation rate 30/min. Mechanical - 10,000,000 operations min. Electrical - 100,000 operations min. at rated load.
Weight	17 grams